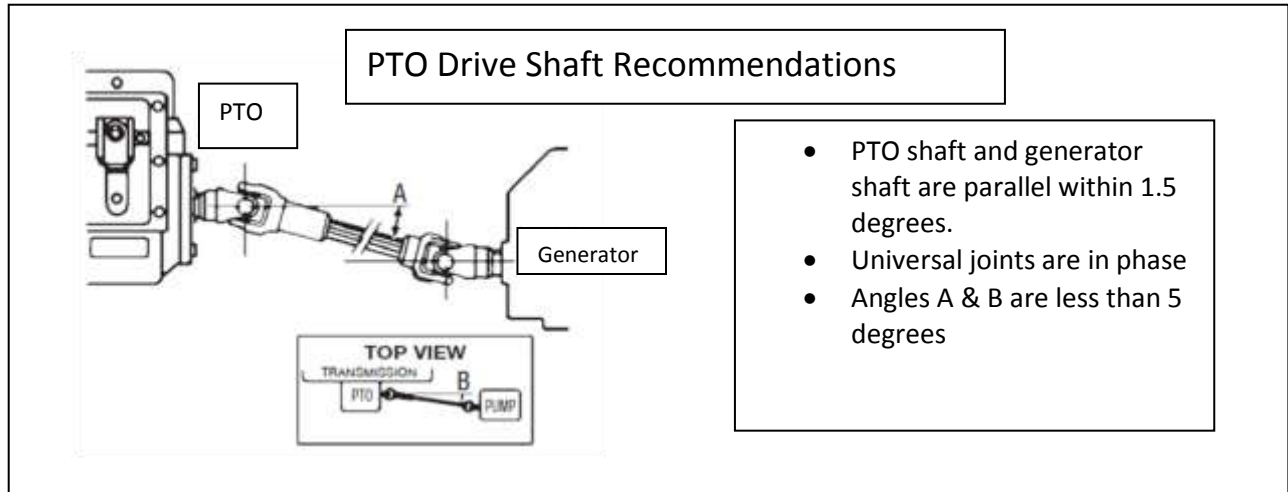




## PTO Blackbird™ INSTALLATION GUIDELINES Version Rev 3

The PTO Blackbird™ is designed to operate with a 130% PTO Ratio:

- 700 engine rpm = 910 PTO output rpm (minimum required)
  - 2300 engine rpm = 2990 PTO output rpm (maximum allowable)
1. The engine rpm can vary within these limits without effecting the voltage or frequency of the electrical output.
  2. The generator driveshaft rotation is the same as the engine (clockwise facing the generator from the PTO.)
  3. The drive pulley is drilled for a standard 1310 Series Flange Yoke:
    - 2.375" pilot female and
    - (4) 3/8" 16 tapped holes in 2.390" x 2.015" rectangular bolt pattern
  4. Two 1/2" locking holes are provided in the mounting plate adjacent to the mounting slots to be drilled for supplied locking bolts once all adjustments are final. See Diagram.
  5. The generator mounting plate is reversible for passenger's side mounting, however, the generator and belt shrouds must be ordered specifically for passenger's side mounting.



The frame rail mounting plate and generator plate allow for adjustments during installation. It is recommended that once positioned that the plates be either welded or bolted to prevent movement during use. The yellow arrows indicate locking holes provided in generator plate to be drilled through the mounting flange and bolted for locking generator position. Locking bolts are supplied.

